In 1638

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the Application of:

CONFIRMATION NO.: 7649

STEPHEN M. ALLEN ET AL.

CASE NO.: BB1210 US DIV

APPLICATION NO.: 10/033,109

GROUP ART UNIT: 1638

FILED: 12/28/2001

EXAMINER: BUI, PHUONG T

FOR: NITROGEN TRANSPORT METABOLISM

Response to non-final Office Action

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

This is a Response to the Office Action mailed February 24, 2004. In response to the Office Action consider the following remarks:

Amendments to the Specification begin on page 2 of this paper.

Amendments to the Claims begin on page 4 of this paper.

Remarks begin on page 6 of this paper.

Appendix A is attached to this paper.